

CoreSync EnOcean Gateway

The CoreSync EnOcean Gateway enables remote network control of lights, sensors, local dimmers and zone controllers.

The CoreSync EnOcean Gateway enables the integration of EnOcean based devices to be integrated for monitoring and control in the CoreSync system. The Gateway is powered and IP connected via CAT5e or CAT6 UTP cable to the Network Equipment and the CoreSync Manager. The gateway can connect and control up to 20 devices. EnOcean standard based wireless communication is robust and reliable. The gateway has a typical range of 50' (max. 80') and can cover an area of 1000 square feet.



FEATURES AND ADVANTAGES

PoE-powered and controlled, using standard Category cables	Eliminates need for a local power supply and/or AC line connection
Individual Gateway effective range: 50' (15m) range	Each Gateway enables extensive CoreSync system coverage
Non-discoverable 2-way communication, using rolling code and 128 AES encryption	Highly reliable and secure communications for control/status of multiple wireless devices; no interference with other wireless networks
Compatible with CoreSync self-powered wireless zone modules, dimmers, sensors, wall switches, etc.	Flexible remote and local control; real-time status reporting in buildings, zones or individual fixtures; ability to control AC loads
CoAP based IP communication with CoreSync Manager	Helps create unique scenes and biorhythmic lighting sequences
Compact size and mounting dimensions	Enables ease of mounting
UL60950-1, CE, FCC	Safe operation and industry-standard compliance
Lighting grade white paint coating	Attractive, durable finish and look

POWER OVER ETHERNET (POE) READY

The CoreSync EnOcean Gateway is ready for fast, easy connectivity thanks to the RJ45 interface, compatible with standard CAT5e or CAT6 UTP cables.



www.molex.com/products/coresync/

CoreSync EnOcean Gateway >

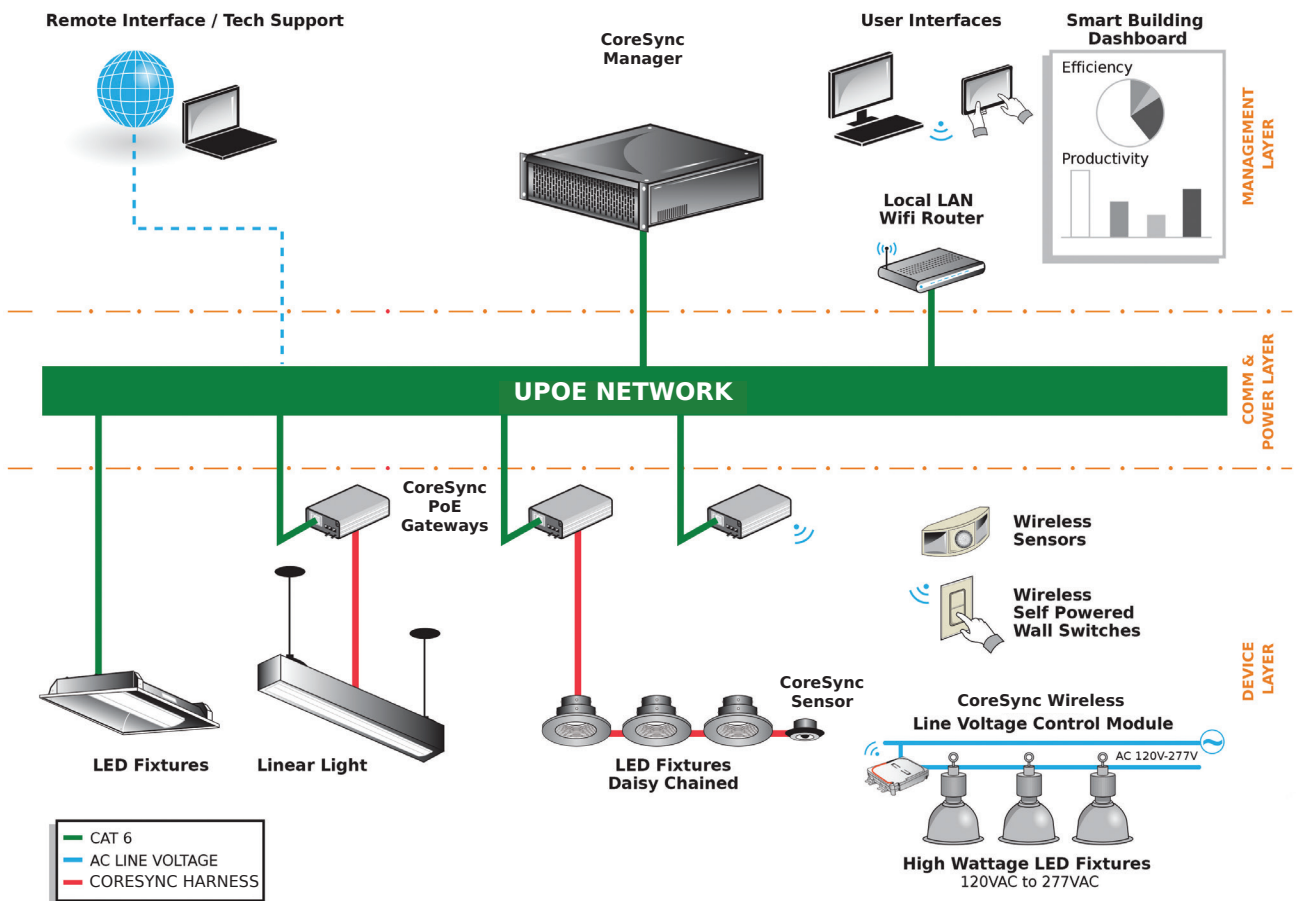
COMPATIBILITY/CAPABILITIES

EnOcean Gateway
180993-3001 (NA)
180993-3002 (EUR)



High Wattage/ Line Voltage	EnOcean Wireless Relay Series 180997	EnOcean Ambient Light Sensor Series 180997	EnOcean Occupancy Sensors Series 180997	Wireless Wall Switches Series 180997

POE GATEWAY IN THE CORESYNC CONTROL ARCHITECTURE



CoreSync EnOcean Gateway ➤

SPECIFICATIONS

Electrical

PoE, PoE+, UPOE, IEEE 802.3bt
Standby Power Consumption 0.5W
Nominal Power Consumption 2.0W
Class II Electrical Device: UL60950-1

Environmental

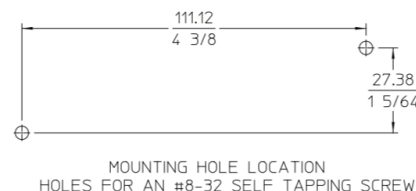
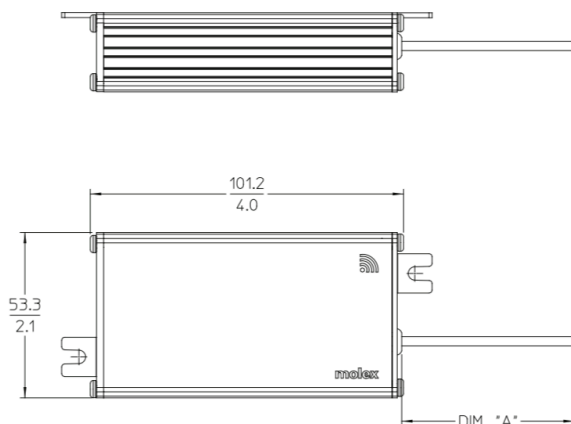
Operating Temperature: 0° to 40°C
Relative Humidity:
 10-80% Non-Condensing
Environmental Rating: Indoor

Mechanical

Housing Material: Extruded Aluminum
Length: 119.65 mm
Width: 53.33 mm
Depth: 25.51 mm
Weight: 113g

DIMENSIONS

Part Number	DIM "A"
180993-3001	50.8mm / 2.0"
180993-3002	69.8mm / 2.75"



ORDERING INFORMATION

Order No.	Description
180993-3001	EnOcean Gateway, 902MHz NA, White Metal
180993-3002	EnOcean Gateway, 868MHz EU, White Metal